

Fig. 1

10/511308

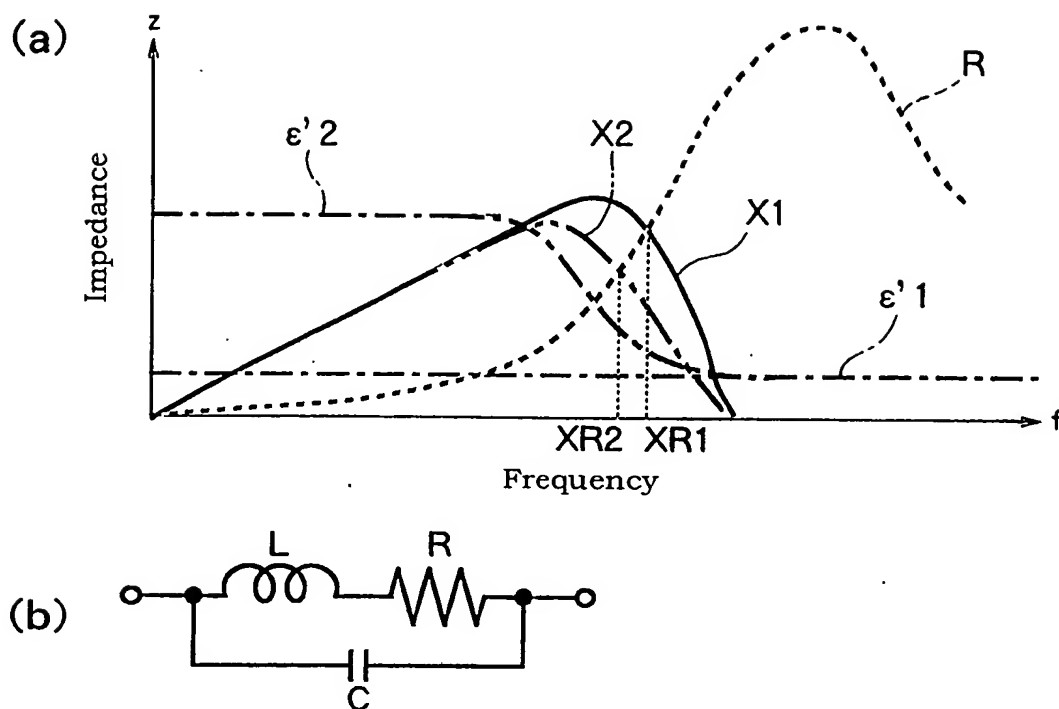


Fig. 2

| | Basic Component Composition (mol %) | | | | | | | |
|----|-------------------------------------|------|------|------------------|------------------|------|------|-----|
| | Fe ₂ O ₃ | MnO | ZnO | TiO ₂ | SnO ₂ | NiO | MgO | CuO |
| S1 | 47.0 | 41.5 | 10.5 | 1.0 | — | — | — | — |
| S2 | 47.0 | 39.5 | 10.5 | — | 0.5 | — | — | 1.5 |
| S3 | 53.0 | 37.5 | 9.5 | — | — | — | — | — |
| S4 | 48.5 | — | 31.5 | — | — | 15.0 | — | 5.0 |
| S5 | 48.5 | 2.0 | 18.5 | — | — | — | 31.0 | — |

Fig. 3

| | μi | Bs | ρv | $\epsilon 1$ | |
|----|----------|------------|---------------|--------------|--------|
| | (0.1MHz) | (1,194A/m) | (Ω m) | (1KHz) | (1MHz) |
| S1 | 857 | 410 | 1000 | 12320 | 32 |
| S2 | 861 | 390 | 1000 | 10970 | 28 |
| S3 | 853 | 420 | 0.1 | 58430 | 18800 |
| S4 | 864 | 370 | 10000 | 22 | 17 |
| S5 | 847 | 250 | 10000 | 56 | 51 |

Fig. 4

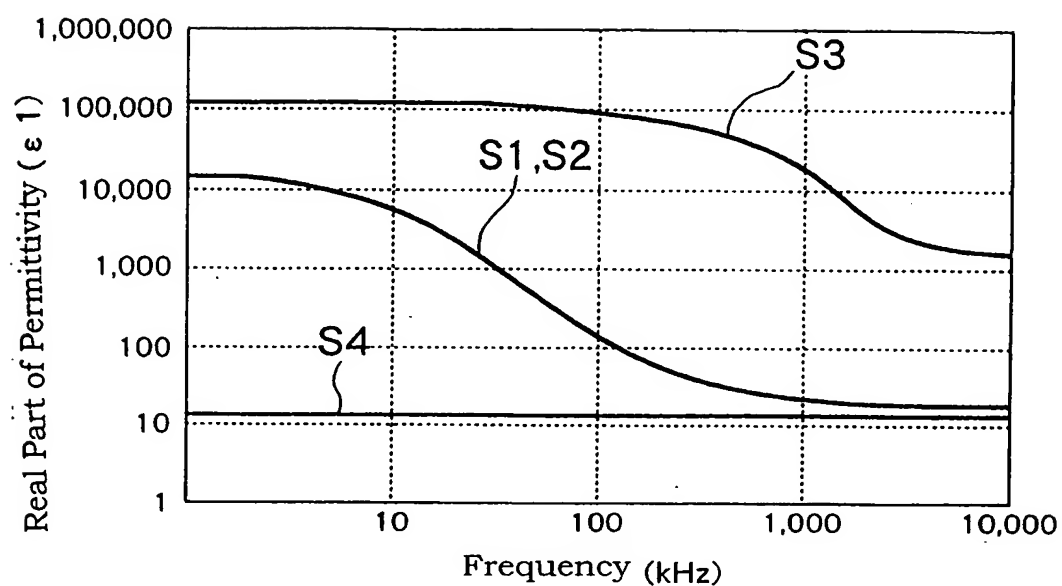


Fig. 5

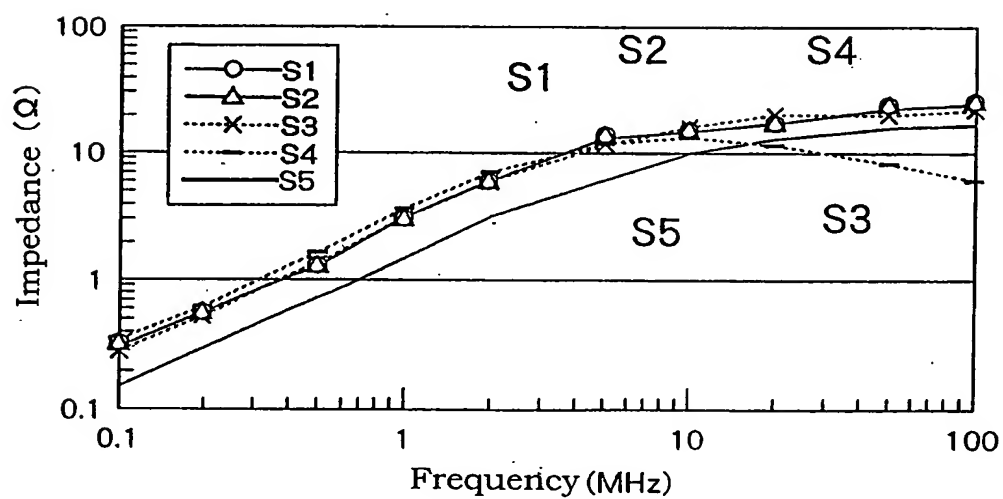


Fig. 6

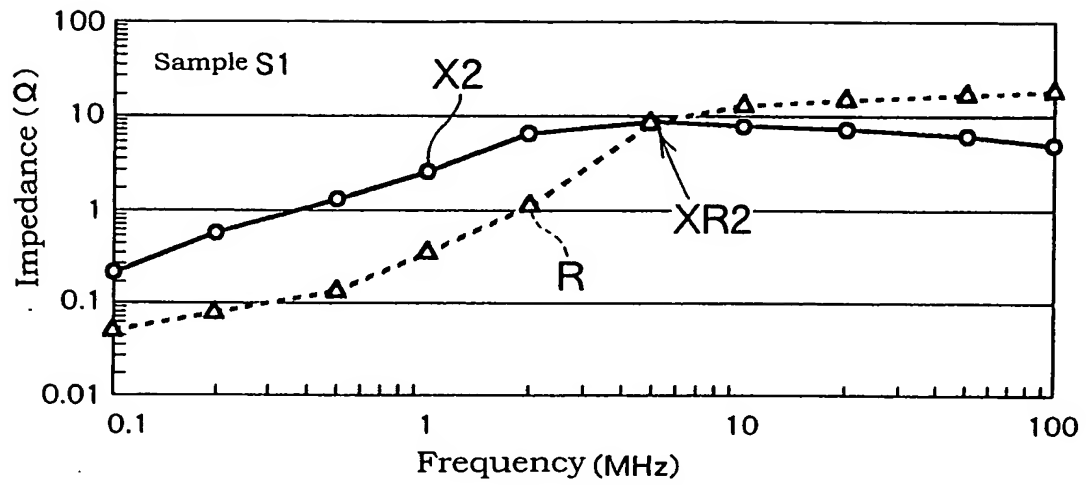


Fig. 7

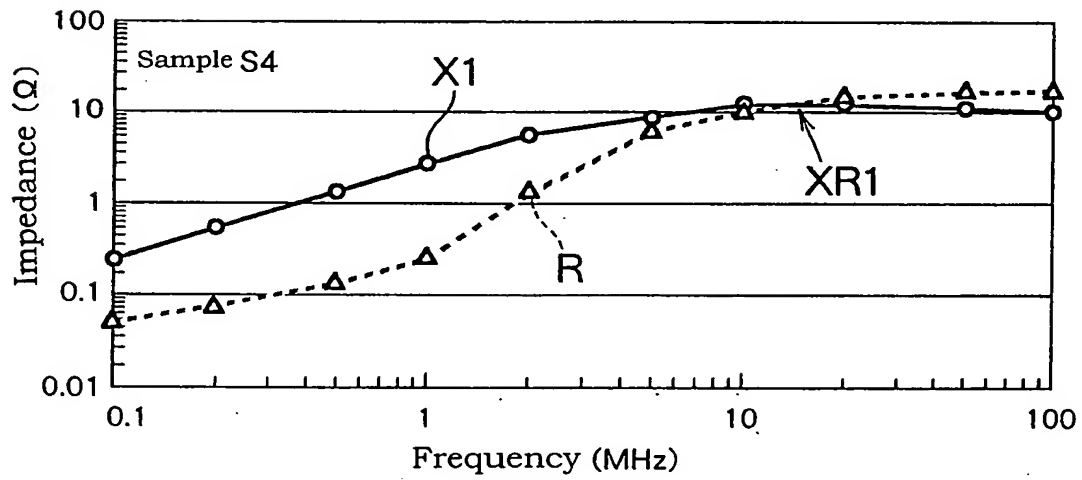


Fig. 8

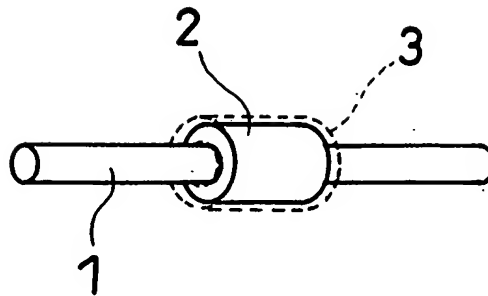
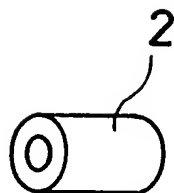


Fig. 9

(a)



(b)

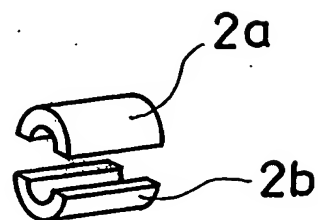


Fig. 10

